

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11	("6419348" "5233256" "5402159"). pn. jp-2001162796-\$.did. jp-2000127384-\$.did. jp-11179898-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 12:37
S2	2	"20020024567"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 08:26
S3	9	((pzt piezoelectric) with (layer sheet)) same (lamination with (direction)) same (mirror symmetr\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:56
S4	2814	347/68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 13:45
S5	124089	(lamination adhes\$3) same (layer sheet plane) same (direct\$3 orientat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 08:33
S6	246	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 08:33
S7	287803	(common driv\$3 polarization polariz\$3) same electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:23
S8	200	S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 08:35

S9	152076	(odd even) same electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 08:37
S10	234	(pzt piezoelectric) and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 08:36
S11	99	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 08:36
S12	7002	(pzt piezoelectric) with (odd even)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 08:36
S13	77257	(odd even) with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 08:37
S14	1682	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 08:37
S15	209	S5 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 08:37
S16	55	S4 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 08:37
S17	31	S8 and S13	USPAT	OR	OFF	2005/02/18 09:00

S18	23455	(plural\$3 multi\$2layer\$3 multi\$2sheet) same (pzt piezoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:21
S19	1141	S4 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:20
S20	15988	(plural\$3 multi\$2layer\$3 multi\$2sheet) with (pzt piezoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:22
S21	1002	S4 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:22
S22	1477408	(laminat\$3 adher\$3 gul\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:23
S23	620	S21 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:23
S24	195155	(common driv\$3 polarization polariz\$3) with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:57
S25	466	S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:24

S26	47195	(alternate\$2 other) with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:25
S27	236	S4 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:25
S28	185	S20 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:25
S29	26377	(pzt piezoelectric) with (layer sheet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:57
S30	35559	(pzt piezoelectric) same (layer sheet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:57
S31	167380	(common ground\$3) with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:57
S32	232060	(common ground\$3) same electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:57
S33	2861670	(alternat\$3 other (every\$3other))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:59

S34	2373	S29 and S31 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:59
S35	842	S4 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 09:59
S36	194	347/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 13:43
S37	67	S34 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 10:34
S38	14	("6039440" "6174051" "6631981" "6398350" "6655790" "6679588" "6739704").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 10:34
S39	7	("6039440" "6174051" "6631981" "6398350" "6655790" "6679588" "6739704").pn.	USPAT	OR	ON	2005/02/18 11:08
S40	5	("20030146956" "4584590" "4825227" "5266964" "6174051").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 10:40
S41	0	("6679588").URPN.	USPAT	OR	OFF	2005/02/18 10:41
S42	2	("4805057" "5402159").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 10:41
S43	12	("4805057").URPN.	USPAT	OR	OFF	2005/02/18 10:43
S44	4	("4151569" "4423451" "4438469" "4713710").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 11:08
S45	1	"6431691".pn.	USPAT	OR	ON	2005/02/18 11:08
S46	2	("6089701" "6174051").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 11:09

S47	886	347/72;310/330.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 11:43
S48	117	S34 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 11:43
S49	693	310/330.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 11:43
S50	50	S34 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 11:46
S51	6	S50 and ink\$2jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 11:50
S52	23	S49 and ink\$2jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 12:27
S53	4	("5233256" "5402159").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 12:27
S54	2	jp-2002276445-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 12:38

S55	5	S36 and trapezoid\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 13:46
S56	3480	347/68-72;310/330.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 13:45
S57	131	trapezoid\$4 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 13:46
S58	1	2002-166554.NRAN.	DERWENT	OR	OFF	2005/02/18 14:19
S59	1	"6416172".pn.	USPAT	OR	OFF	2005/02/18 14:39
S60	1	"20040140133"	US-PGPUB; USPAT	OR	OFF	2005/02/18 15:05
S61	0	"200401410133"	US-PGPUB; USPAT	OR	OFF	2005/02/18 15:05
S62	1	"20040141033"	US-PGPUB; USPAT	OR	OFF	2005/02/18 15:05
S63	655	347/71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 10:00
S64	459	"310"/332.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 09:53
S65	4833	((common negative) near3 electrode) with (whole extend\$3 cover) and area	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 09:59
S66	47	S63 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 09:54

S67	566	((common negative) near3 electrode) with (symmetr\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 09:59
S68	2	S63 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 09:59
S69	213	347/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 10:02
S70	42680	(mirror with (sheet layer laminate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 10:04
S71	2	S69 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 10:03
S72	18247	(symmetr\$4 with (sheet layer laminate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 10:05
S73	3	S69 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 10:06
S74	2	"5233256".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 10:06
S75	9	("4564782" "4649313" "4742264" "4759107" "4851871" "4985926" "5034649" "5068567" "5118982").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 10:06

S76	28	("5233256").URPN.	USPAT	OR	ON	2005/10/17 10:11
S77	1384	((driv\$3 positive) near2 electrode) with ((surface top upper) near4 (sheet layer laminate))	USPAT	OR	ON	2005/10/17 10:12
S78	1200	347/68-72.ccls.	USPAT	OR	ON	2005/10/17 10:13
S79	3865	((driv\$3 positive) near2 electrode) with ((surface top upper) near4 (sheet layer laminate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 10:13
S80	40	S77 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 10:13
S81	2980	347/68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 10:13
S82	81	S79 and S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 10:13
S83	9	("5086308" "5266964" "5402159" "5639508" "5912526" "6142614" "6142615" "6443566" "6450626").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 10:23
S84	2980	347/68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 10:57
S85	1114	((common ground negative) adj electrode) with ((sheet layer laminate) with (pzt piezoelectric))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 10:58
S86	316	S84 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 10:58

S87	9	("4369455" "4503444" "4752788" "5208605" "5412410" "5446485" "5653901" "5790155" "5825121").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 11:09
S88	1462	(multiple with ((pzt piezoelectric) near3 (actuator element transducer)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 11:10
S89	74	S84 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 11:10
S90	2	("6174051" "6431691").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 11:12
S91	2980	347/68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 13:22
S92	459	"310"/332.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 13:22
S93	387	(bimorph bi\$2morph) with (mirror symmetr\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 13:27
S94	0	S91 and S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 13:23
S95	16	S92 and S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 13:23

S96	1694	(bimorph bi\$2morph) same (sheets layers plates laminate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 14:03
S97	43	S91 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 13:40
S98	112	S92 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 13:40
S99	6988	(bimorph bi\$2morph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 14:01
S10 0	116	S91 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 14:03
S10 1	230	S92 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 14:03
S10 2	28	(bimorph bi\$2morph) same ((sheets layers plates laminate) with ((negative common ground) adj electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 09:42
S10 3	376	310/322.ccls.	USPAT	OR	ON	2005/10/17 15:45
S10 4	320758	(symmetr\$4 mirror) and (sheets layers plates laminate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 09:52

S10 5	2984	347/68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 09:43
S10 6	377	310/322.ccls.	USPAT	OR	ON	2005/10/18 09:44
S10 7	606	310/322.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 09:44
S10 8	180	S104 and S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 09:44
S10 9	1555	(symmetr\$4 mirror) and (bimorph bi\$3morph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 09:54
S11 0	9	S105 and S109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 09:53
S11 1	1601	(symmetr\$4 mirror centerline (center\$3line)) and (bimorph bi\$3morph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 09:54
S11 2	10	S105 and S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 09:54
S11 3	9	S107 and S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 09:54